Safety Data Sheet
according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 17 Revision: 07/14/2026

1 Identification

· **Product identifier**

· **Trade name:** GRF HBS-200 LIQUID RUBBER JR 1L*6 L221
· **Other means of identification**
· **Application of the substance / the mixture** Sealant

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Bison International
Dr.A.F.Philipsstraat 9
NL-4462 EW Goes
PO Box 160
NL-4460 AD Goes
tel. +31 88 3235700
fax. +31 88 3235800
e mail: sds@boltonadhesives.com

· **Information department:** PSRA
· **Emergency telephone number:**
Bison and Griffon products: +31 88 3235700. Operating hours mo-fr 08:00h-17:00h (CET)
UHU products: + 49 (0) 30/19240 (Notruf). Operating hours mo-fr 08:00h-17:00h (CET)

For detailed information contact the national Poison Centre @
https://poisoncentres.echa.europa.eu/appointed-bodies

2 Hazard identification

· **Classification of the substance or mixture**
Carcinogenicity – Category 2 H351 Suspected of causing cancer.

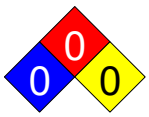
· **Label elements**
· **Hazard pictograms**



GHS08

· **Signal word** Warning

· **Hazard-determining components of labeling:**
Asphalt
· **Hazard statements**
H351 Suspected of causing cancer.
· **Information pertaining to particular dangers for man and environment:**
· **Classification system:**
· **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

(Contd. on page 2)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 17 Revision: 07/14/2026

Trade name: GRF HBS-200 LIQUID RUBBER JR 1L*6 L221

(Contd. of page 1)

· **HMIS-ratings (scale 0 - 4)**

HEALTH 0	Health = 0
FIRE 0	Fire = 0
REACTIVITY 0	Reactivity = 0

3 Composition/Information on ingredients

· **Chemical characterization: Mixtures**
· **Description:** Sealant

· **Dangerous components:**

8052-42-4	Asphalt	30-60% w/w *

* Actual concentration ranges are withheld as a trade secret.

4 First-aid measures

· **Description of first aid measures**
· **General information:** No special measures required.
· **After inhalation:**
Supply fresh air; consult doctor in case of complaints.
No special measures required.
· **After skin contact:** Generally the product does not irritate the skin.
· **After eye contact:** Rinse opened eye for several minutes under running water.
· **After swallowing:** If symptoms persist consult doctor.
· **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
· **Special hazards arising from the substance or mixture**
No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Send for recovery or disposal in suitable receptacles.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

(Contd. on page 3)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 17 Revision: 07/14/2026

Trade name: GRF HBS-200 LIQUID RUBBER JR 1L*6 L221

(Contd. of page 2)

Dispose contaminated material as waste according to section 13.

· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

· **Precautions for safe handling** No special precautions are necessary if used correctly.
· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required
· **Further information about storage conditions:** None.
· **Storage class:** 12
· **Specific end use(s)** No further relevant information available.

8 Exposure controls/ Personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
8052-42-4 Asphalt	
EL	TWA: 0.5 mg/m³ inhalable;IARC 2A:oxidized; IARC 2B:straight-run
EV	TWA: 0.5 mg/m³ fume, as benzene-soluble aerosol, inhalable

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Additional information about design of technical systems:** No further data; see section 7.
· **Personal protective equipment:**
· **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
· **Breathing equipment:** Not required
· **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· **Material of gloves**
Recommended thickness of the material: > 0,12 mm
Nitrile rubber, NBR

(Contd. on page 4)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 17 Revision: 07/14/2026

Trade name: GRF HBS-200 LIQUID RUBBER JR 1L*6 L221

(Contd. of page 3)

· **Penetration time of glove material**
For the mixture of chemicals mentioned below the penetration time has to be at least 10 minutes (Permeation according to EN 374 Part 3: Level 1).
· **Eye protection:** Goggles recommended during refilling.

*

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Liquid
· **Color:**	Black
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined
· **Melting point/Melting range:**	Undetermined
· **Boiling point/Boiling range:**	100 °C
· **Flammability:**	Not applicable
· **Explosion limits:**	
· **Lower:**	Not determined
· **Upper:**	Not determined
· **Flash point:**	Not applicable
· **Decomposition temperature:**	Not determined
· **pH-value:**	Not determined
· **Viscosity:**	
· **Kinematic:**	Not determined
· **Dynamic:**	Not determined
· **Solubility in / Miscibility with**	
· **Water:**	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined
· **Vapor pressure at 20 °C:**	23 hPa
· **Vapor pressure:**	
· **Density:**	Not determined
· **Relative density**	Not determined
· **Vapor density**	Not determined
· **Particle characteristics**	Not applicable

· **Other information**	All relevant physical data were determined for the mixture. All non-determined data are not measurable or not relevant for the characterization of the mixture.
· **Appearance:**	
· **Form:**	Fluid
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Product is not selfigniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Solvent content:**	
· **Water:**	40.1 %
· **Solids content:**	52.3 %

(Contd. on page 5)

CA

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 17 Revision: 07/14/2026

Trade name: GRF HBS-200 LIQUID RUBBER JR 1L*6 L221

(Contd. of page 4)

· **Change in condition**
· **Evaporation rate** Not determined

10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
8052-42-4 Asphalt		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** No irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Germ cell mutagenicity** Not applicable
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**		
8052-42-4	Asphalt	2B
9010-98-4	polychloroprene	3

· **NTP (National Toxicology Program)**
None of the ingredients is listed.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Bioaccumulative potential** No further relevant information available.

(Contd. on page 6)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 17 Revision: 07/14/2026

Trade name: GRF HBS-200 LIQUID RUBBER JR 1L*6 L221

(Contd. of page 5)

· **Mobility in soil** No further relevant information available.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable
· **Other adverse effects**
· **Additional ecological information:**
· **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

· **Uncleaned packagings:**
· **Recommendation:**
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14 Transport information

· **UN-Number**	
· **DOT/TDG, ADN**	not regulated
· **ADR, IMDG, IATA**	not regulated -
· **UN proper shipping name**	
· **DOT/TDG, ADR, ADN, IMDG, IATA**	not regulated
· **Transport hazard class(es)**	
· **DOT/TDG, ADR, ADN, IMDG, IATA**	
· **Class**	not regulated
· **Packing group**	
· **DOT/TDG, ADR, IMDG, IATA**	not regulated
· **Environmental hazards:**	Not applicable
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable
· **Transport/Additional information:**	Not dangerous according to the above specifications.
· **Special precautions for user**	Not applicable

(Contd. on page 7)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 17 Revision: 07/14/2026

Trade name: GRF HBS-200 LIQUID RUBBER JR 1L*6 L221

(Contd. of page 6)

· **UN "Model Regulation":** not regulated

*
15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

52-51-7	Bronopol

· **TSCA (Toxic Substances Control Act):**

8052-42-4	Asphalt	ACTIVE
7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
24937-78-8	Ethylene vinyl acetate copolymer	ACTIVE
9010-98-4	polychloroprene	ACTIVE
61790-50-9	Resin acids and Rosin acids, potassium salts	ACTIVE
9004-62-0	Cellulose, 2-hydroxyethyl ether	ACTIVE
61790-51-0	Resin acids and Rosin acids, sodium salts	ACTIVE
9003-11-6	Polyoxyethylene-polyoxypropylene glycol	ACTIVE
9032-42-2	Cellulose, 2-hydroxyethyl methyl ether	ACTIVE
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	ACTIVE
2634-33-5	1,2-benzisothiazol-3(2H)-one	ACTIVE
52-51-7	Bronopol	ACTIVE
7631-99-4	Sodium nitrate	ACTIVE
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	ACTIVE
107-22-2	glyoxal	ACTIVE
2682-20-4	2-methyl-2H-isothiazol-3-one	ACTIVE

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

8052-42-4	Asphalt
7732-18-5	water, distilled, conductivity or of similar purity
24937-78-8	Ethylene vinyl acetate copolymer
9010-98-4	polychloroprene
61790-50-9	Resin acids and Rosin acids, potassium salts
9004-62-0	Cellulose, 2-hydroxyethyl ether
61790-51-0	Resin acids and Rosin acids, sodium salts
9003-11-6	Polyoxyethylene-polyoxypropylene glycol
9032-42-2	Cellulose, 2-hydroxyethyl methyl ether

(Contd. on page 8)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 17 Revision: 07/14/2026

Trade name: GRF HBS-200 LIQUID RUBBER JR 1L*6 L221

(Contd. of page 7)

64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic
2634-33-5	1,2-benzisothiazol-3(2H)-one
52-51-7	Bronopol
7631-99-4	Sodium nitrate
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)
107-22-2	glyoxal
2682-20-4	2-methyl-2H-isothiazol-3-one

· **Canadian Non-Domestic Substances List (NDSL)**
None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**
None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**
None of the ingredients is listed.

· **Per- and polyfluoroalkyl substances (PFAS)**
None of the ingredients is listed.

· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**



GHS08

· **Signal word** Warning

· **Hazard-determining components of labeling:**
Asphalt
· **Hazard statements**
H351 Suspected of causing cancer.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** PSRA
· **Contact:** PSRA
· **Date of previous version** 08/09/2022
· **Version number of previous version:** 16
· **Date of preparation** 07/14/2026
· **Abbreviations and acronyms:**
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances

(Contd. on page 9)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 17 Revision: 07/14/2026

Trade name: GRF HBS-200 LIQUID RUBBER JR 1L*6 L221

(Contd. of page 8)

ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

· *** Data compared to the previous version altered.**

CA